



24th Year

Northwestern Division ARRL Convention



Seaside Convention Center Seaside, Oregon

June 16 - 18, 2006

Web: <http://www.seapac.org>

Presented by
Oregon Tualatin Valley
Amateur Radio Club





WELCOME

SEAPAC, the Northwestern Division ARRL Convention, is sponsored by the Oregon Tualatin Valley Amateur Radio Club. Co-Sponsors include Clark County Amateur Radio Club, Hoodview Amateur Radio Club, and Sunset Empire Amateur Radio Club.

Thanks to convention volunteers for their assistance. We invite everyone to enjoy themselves to the fullest and be a part of making this event a success.

BANQUET SPEAKER

Harold Kramer, WJ1B is our ARRL speaker this year. Harold Kramer of Cheshire, CT joined the ARRL as Chief Operating Officer in February, 2005.

Harold is a lifelong ham with his principal focus on emergency communications, an ARRL Life Member and the Amateur Radio Emergency Coordinator for Cheshire, CT.

BANQUET ENTERTAINMENT

Whether it's blues, country, big band, bebop, reggae, rock or easy listening, the Harmaniac, Dennis M. Cooper, is there with the chops.

With a career spanning over thirty years performing with some of the finest musicians in Oregon, Washington, Idaho, California and Texas, Cooper branched out with his first solo release, "A Boy and His Harmonica" in October of 2001. Since it's release, the album has seen the number one spot on MP3.com's "Top Selling Jazz CDs" on four occasions and every song has been the number one, two or three song of it's genre chart.

He's won many awards during his career, including a first place finish in the diatonic division of the Yellow Pine Harmonica Contest in 2001 and B.E.A.M. (Benefiting Emergency Artists in Music) award from the Jim Beam Company. Awards/Reviews:

2002 Jim Beam award, one of 23 awarded nationwide.

2001 Yellow Pine Harmonica Contest—1st Place, Diatonic Div.

2000 Yellow Pine Harmonica Contest—3rd Place, Diatonic Div.

1999 Yellow Pine Harmonica Contest—2nd Place, Diatonic Div.

Top selling Jazz CD — www.mp3.com, Jan.&March 2002, April 2003, Sept. 2003

#1 Idaho Artist — www.mp3.com, December 2002-present

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V.E. TEST SESSION

***Testing at Our Saviour's Lutheran Church—East Parish Hall
(North—across the street from the Convention Center)***

One Session—Saturday at 9 AM

Pre-registration requested.

Walk-ins — Space Available

SEA-PAC SCHEDULE OF EVENTS

Friday, June 16

| | |
|---|------------------|
| Registration | 11:00 AM—8:00 PM |
| Exhibitor & Flea Market (<i>Setup Only</i>) | 11:00 AM—8:00 PM |
| Seminars | 1:00 PM—4:30 PM |
| “Bored Spouses” Hospitality (Our Saviour’s West Parish Hall) | 6:00PM—8:00 PM |

Saturday, June 17

| | |
|--|------------------|
| Registration | 8:00 AM—4:30 PM |
| Exhibits & Flea Market Open | 9:00 AM—4:30 PM |
| Snack Bar | 9:00 AM—4:30 PM |
| “Bored Spouses” Hospitality (West Parish Hall) | 9:00 AM—5:00 PM |
| VE Exams (Our Saviour’s East Parish Hall) | 9:00 AM—NOON |
| Seminars (Seaside & Riverview Rooms) | 10:00 AM—5:00 PM |
| Hourly Awards | 10:00 AM—3:00 PM |
| YLRL Luncheon (Oceanview Fireplace Room) | 11:30 am—1:30 PM |
| QCWA Luncheon (Oceanview Tillamook Room) | 11:30 am—1:30 PM |
| ARRL Forum (Seaside A&B) | 1:00 PM—2:15 PM |
| Special SEA-PAC Award | 2:30 PM |
| Pre-Banquet Happy Hour (Convention Lobby) | 6:30 PM—7:15 PM |
| SEA-PAC Banquet (Convention Center) | 7:15 PM—9:30 PM |

Sunday, June 18

| | |
|-----------------------------|------------------|
| Registration | 8:30 AM—12:00 PM |
| Exhibits & Flea Market Open | 9:00 AM—1:00 PM |
| Snack Bar | 9:30 AM—12:30 PM |
| Hourly Awards | 9:00 AM—11:00 AM |
| Special SEA-PAC Award | 10:30 AM |
| SEA-PAC Awards | 1:00 PM—2:00 PM |
| Convention Closes | 2:00 PM |

2006 CHUCK MICKLEY Memorial Scholarship

Cory Chase, KD7THW, has been licensed since 2002 and enjoys using amateur radio to keep in touch with friends and his father Arnie, W7CRI. Cory is active with Clackamas County ARES and the Wilsonville Amateur Radio Team. He also volunteered as an operator for CERT rodeo training and has served as net control for the 146.96 youth net.

In addition to ham radio activities, Cory has been an active Boy Scout in troop 194, where he was appointed Senior Patrol Leader and earned the rank of Eagle Scout. He serves with his church's youth group and has traveled with them to Canada and Mexico to help the less fortunate. He enjoys photography and contributes photos of student events to his school's media.

Cory graduated Wilsonville High School this spring and plans to attend Oregon State University this fall to major in Electronics Engineering.



| | | | | |
|--------------------|----------------------|--------------------|----------------------|----------------------|
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| 12VDC FANS | TV CONNECTORS | BNC TO SMA | CAT5e CABLES | RG-8X JUMPERS |
| | | | | |
| HDTV CABLES | PYTHON AUDIO | POWER CORDS | COMPONENT | RG-8X JUMPERS |
| | | | | |

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SEAOPAC EXHIBITORS

| | |
|-----------------------------|--------------------------------|
| ICOM America | HRO (Ham Radio Outlet) |
| Kenwood U.S.A. | Internet Radio Linking Project |
| A Better T-Shirt | J Poles.com |
| Amateur Radio Relay Group | Larry's Antennas LLC |
| American Red Cross - Oregon | National Communications |
| Trail Chapter | OTVARC |
| ARRL | Providence Health Systems |
| Aventrade | Disaster Comm, Team |
| Battery Tech Inc. | Sommer Antennas |
| Books Etc. | SurplusGizmos.com |
| Buddipole Antennas | Tigertronics |
| Chemeketa Community College | TUSOULS Enterprises |
| Clark County ARC | US Navy/Marine Corps MARS |
| Dave's Radios LLC | Ventenna Co. |
| DC Power LLC | Western Case Sales |
| Emtech | Willamette Valley DX Club |
| Fue Enterprises | Wired Communications |
| HamStop.com | YLRL |
| Hotpress Ham Hats | |

*Due to publication deadlines
we apologize for any changes or omissions.*

SEA-PAC HOSPITALITY ROOM
Our Saviour's Lutheran Church - West Parish Hall
"A Hangout for Bored Spouses"
 (No Hospitality Room on Sunday June 18th)

FRIDAY, June 16th
Open 6:00 PM to 8:00 PM

Stop in, have a cup of coffee,
 tea or other beverage.

Bring in books and recipes for
 the exchange and
 take some with you
 when you leave.

Come in and try your hand
 at a craft project.

SATURDAY, June 17th
Open 9:00 AM to 5:00 PM

Coffee, tea,
 and other beverages.
 Donuts and bagels
 (while they last).



Pick up copies of shared recipes,
 exchange a book,
 complete a craft.

You don't need to bring a book or
 recipe to take one home.

***Children must be supervised by a parent or guardian at all times
 in the hospitality room.***

No pets are allowed in church or convention center.

QCWA LUNCHEON
 All QCWA Members Invited



CHAPTERS

Alaska
 Northern Lights - Anchorage, AK

Idaho
 Gem State - Boise, Idaho

Oregon
 Beaver State - Eugene, OR
 Oregon Coast - Pacific City, OR
 Lost River - Klamath Falls, OR

Washington
 Fourth Corner - Bellingham, WA
 Central Washington - Yakima, WA

Saturday, June 17th at 11:30 AM
Oceanview Resort - Tillamook Room

YLRL LUNCHEON
 All Ladies Invited

**"YLRL exists to encourage and
 assist YLs ..."**

Marianna Kearney,
W7WFO

Presenting
Mount St. Helens
slide show.

Saturday, June 17th at 11:30 AM
Best Western
Oceanview Resort
(Fireplace Room)
414 North Prom
Seaside, OR

PRIZE DONORS

A Better T Shirt
Portland, OR

Alinco Amateur Distribution, Inc.
Conroe, TX

American Red Cross
Portland, OR

Battery Tech
New York

Best Western Oceanview Resort
Seaside, OR

Big Foots Steakhouse
Seaside, OR

Books Etc.
Nevada

Budget & Sundowner Inns of Seaside
Seaside, OR

Camp 18 Restaurant & Gift Shop
Seaside, OR

Circle Creek RV Park
Seaside, OR

D C Power
Aloha, OR

Dooger's Seafood & Grill
Seaside, OR

Ebbtide Enterprises
Portland, OR

Fue Enterprises
Santa Barbara, CA

Gearhart by the Sea
Gearhart, OR

Gilbert Bed & Breakfast Inn
Seaside, OR

Ham Radio Outlet
Portland, OR

Holiday Express Inn
Seaside, OR

Hot Press for Hams
Sumner, OR

ICOM America
Bellevue, WA

J Poles
Salem, OR

Kenwood USA Corp.
Suwanee, GA

Larry's Antenna
Brush Prairie, WA

McKeown's
Seaside, OR

Motel 6
Seaside, OR

National Communications
Kettering, OH

Neawanna by the Sea
Seaside, OR

Norma's Ocean Diner
Seaside, OR

Pig 'N Pancake
Seaside, OR

Portland Fudge
Seaside, OR

Sam's Seaside Café
Seaside, OR

Seaside Chamber of Commerce
Seaside, OR

Seaside Convention Center Inn
Seaside, OR

Seaside Helicopters
Seaside, OR

Shilo Inns Suites Hotels
Portland, OR

Shilo Ocean Front
Seaside, OR

The Pizza Harbor
Seaside, OR

The International Shop
Seaside, OR

Venice RV Park
Seaside, OR

Vista Sea Café
Seaside, OR

Western Case Sales—Salem, OR

Wired Communications
Scottsdale, AZ

World Radio
Sacramento, CA

Due to publication deadlines we apologize for any changes or omissions.

SEAOPAC PRIZES

ALL PRIZE MODELS SUBJECT TO CHANGE

Sunday, 1:00 - 2:00 pm

Need Not Be Present

IC-706 MKIIG HF-UHF-VHF

IC-208H Dual Band Mobile

IC-T7H Dual Band HT

IC-V8000 2 Meter Mobile

Must Be In Convention Center

None by Proxy

IC-2720 Dual Band Mobile

AH4 Automatic Antenna Tuner

IC-W32A Dual Band HT

IC-V8 Dual Band HT

EARLY BIRD PRIZE

Registration postmarked by May 15, 2006 To be eligible

Need Not Be Present

IC-ID-800H

IC-T90A Tri-Band HT

HOURLY PRIZE

Unclaimed awards are re-issued!

None by Proxy

**Hourly awards posted for two hours
in the lobby and on stage**

SPECIAL PRIZE

Must Be In Convention Center

None by Proxy

Saturday, 2:30 pm

Sunday, 10:30 am



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PORTLAND, OR - SALEM, NH - SAN DIEGO, CA - SUNNYVALE, CA - BURBANK, CA - WOODBRIDGE, VA

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IC-7800



FTDX-9000D



TS-2000

SEA-PAC SEMINARS

Friday

1 PM DIGITAL FORUM (Seating is Limited) Riverview A, B & C
Various Presenters

Saturday

10 AM Scanners Seaside A & B
Norm Schrein, Bearcat Scanners
A Space Challenged Dual Band NVIS Antenna Riverview A
Ed Bruette N7NVP & Tom Sanders W6QJL
Automatic Position Reporting System Riverview B
Ron Reeves N7QXO
Emergency Preparedness Riverview C
American Red Cross

1 PM ARRL FORUM Seaside A & B
Harold Kramer WJ1B, Jim Fenstermaker K9JF
William Sawders K7ZM
Antennas & Transmission Lines 101 Riverview A
Patrick Buller W7RQT
The 7-land QSO Party Riverview B
Tom Meier K7ZZ
Katrina & Beyond Riverview C
American Red Cross

3 PM A Yagi on Steroids and Other Ideas Seaside A & B
Ken Glanzer K7GCO
Geocaching Riverview A
Denny Doolittle WB7UFJ
Cory Schoch KA7IUG
Portland to New Orleans Riverview B
Perry Hopkins KD7EYM
"Ham Radio and the Law" Riverview C
Phil Kane K2ASP

SEMINAR TOPIC INFORMATION

This year again we hope that you find some seminars to attend that catch your interest and open the doors to new ham radio adventures. The presenters below volunteer their time to share with you their knowledge and skills on the many facets of this great hobby. What ever your interests are, you're sure to acquire a great deal of new knowledge to take home.

Listed below is an overview of the seminars we are presenting this year. This is to help you select the seminars of interest. When attending seminars, be sure to thank the presenter when it is over.

A Digital Communications Forum

Sea-Pac Seminars – Various presenters

FRI 1:00 PM to 4:30 PM Riverview AB&C

Approximately 3 Hours of discussion on the methods and technology of the digital communications field. Subjects to be discussed include the history of digital, fundamentals of digital, and getting into the mode. There will be demonstrations on various modes and software. There also will be reports on WINLINK 2K – Airmail and digital voice via ICOM's D-Star.

ARRL Forum

Harold Kramer WJ1B ARRL Chief Operating Officer

Jim Fenstermaker K9JF Northwest Division Director

William Sawders K7ZM Northwest Division Vice Director

SAT 1:00 PM Seaside A&B

An opportunity to meet Jim, Bill and Harold and find out what the league's goals are as well as an opportunity to express your opinion on policy.

Please silence audio signals during the seminars.

Ham Radio and the Law

Phil Kane K2ASP ARRL Volunteer Counsel

SAT 3:00 PM Riverview C

Phil, a lawyer and an engineer, is an F.C.C. veteran working many years in the San Francisco Office. He is ready to discuss the many legal aspects of our hobby such as part 97, CCR, and interference issues. Join him for a lively discussion of your rights and responsibilities.

Emergency Preparedness

American Red Cross

SAT 10:00 AM Riverview A

Fires, floods and other natural or man made disasters can strike often without warning. Are you prepared to protect your home and family? Learn what steps to take now.

Katrina and Beyond

American Red Cross

SAT 1:00 PM Riverview A

Possibly one of the worst natural disasters to strike the U.S. The hurricanes of the gulf coast devastated areas the states of Louisiana and Mississippi and took countless lives. See the record of the devastation and the volunteers who helped.

Space Challenged Dual Band NVIS Antenna

Ed Brutte N7NVP

Tom Sanders W6QJL

SAT 10:00 AM Riverview B

If you're finding that the typical NVIS for 80 & 40 Meters is a little tough to fit into your property then you should make a point to attend this one. Tom & Ed think they have the answer to your dilemma.

Geocaching

Cory Schoch KA7IUG

Denny Doolittle WB7UFJ

SAT 3:00 PM Riverview A

Looking for something new to do with your GPS? This rapidly growing pastime is high tech treasure hunting with maps and clues to figure out New information as this recreation continues to change.

APRS – Automatic Position Reporting System - APRS

Ron Reeves N7QXO

SAT 10:00 AM Riverview B

This continues to be one of the most requested topics. While tracking of moving objects and weather reporting are important functions it is basically a mapping system. Learn how it works and how you can get involved with this fascinating area of ham radio.

Antennas and Transmission Lines 101

Patrick Buller W7RQT

SAT 1:00 PM Riverview A

A good foundation in this subject is essential to building an effective antenna system. This is a good seminar for those just getting into the hobby but the veteran of the antenna wars might pick up a tidbit or two also. Patrick is a professional electrical engineer, contributing editor for Mobile Radio Technology, member ARRL, IEEE, Fellow in the Radio Club of America, with experience in this field for over 50 years.

Portland to New Orleans

Perry Hopkins KD7EYM

Emergency Management Specialist

SAT 3:00 PM Riverview B

After Katrina devastated New Orleans the Portland Water Bureau sent maintenance workers down to help get their water system back up. Perry was down there for 8 weeks providing security for the workers. Listen and see the story of the shattered city and efforts being made to help the residents get back to normal.

The 7-Land QSO Party – A Mini-Expedition

Tom Meier K7ZZ

SAT 1:00 PM Riverview B

Do you read about the DX-peditions to far off exotic locations and think it would be fun but alas? Here might be the answer. Tom is a retired engineer for Boeing that has done the far off and exotic. He has put together a program to show you that it could be fun to consider a place closer to home. It will include information on selecting a site location, set-up in a field day type of environment, some contesting techniques, and of course with him there'd be a little bit of antenna selections stuff too.

Scanners

Norm Schrein Bearcat Scanners

SAT 10:00 AM Seaside A&B

If you are just curious about or thinking of acquiring a scanner Norm will give you the information you might need to make an informed decision. We are lucky to have them with us this year so take this seminar in and gain some knowledge on this popular piece of equipment.

Yagi on Steroids – Higher Front to Back Ratio on the Same Boom And Other Ideas

Ken Glanzer K7GCO

Sat 3:00 PM Seaside A&B

Ken's back with some new techniques to wring greater performance out the classic antenna. Other subjects he will include are Balanced & Off-Center feed techniques. Why 2 element beams are preferred for stacking; antennas that don't suffer sunspot troubles; a report on the Hex Beam; to install yagi antennas by yourself and many other interesting ideas. If you are into antenna building be sure to take this one in.

SEA-PAC '06 PIN

Congratulations to Julie Landers KD7GQW, winner of the 2006 SEA-PAC Pin Contest. She receives two tickets to the Convention Banquet on Saturday evening. Be sure to pick up your 2006 Pin (\$5.00) at the Registration Desk. Pins from some previous SEA-PAC Conventions are also available for purchase.

ANTENNA EZ-LIFTER

The ANTENNA E-Z LIFTER is designed to attach to your motor home, travel trailer, 5th wheel or emergency communications vehicle etc. and provide a simple and easy way to position your HF antenna in the operating position and back to the transporting position **WITH-OUT** climbing on to the RV and it does it with a flip of a switch!! Come see it demonstrated.

Tusouls Enterprises

MEETINGS AT SEA-PAC

SEA-PAC provides the *SEA-MIST Room* for these meetings.

Meetings are scheduled by, and the responsibility of, the organizations listed.

Saturday, June 17th

| | | |
|----------------|------------------------------|---|
| 10:00 AM | NTS Forum | Pati Urie W7ZIW |
| 1:00 PM | ARRL Forum | Jim Fenstermaker, K9JF |
| 2:30 PM | Oregon ARES | Wayne Jack KK7TT |
| 3:30 PM | Oregon Section Cabinet | Randy Stimson KZ7T & Bonny Altus AB7ZQ |

Sunday, June 18th

| | | |
|---------------|--------------------------------|------------------------|
| 9:00 AM | ARRL NW Division Cabinet | Jim Fenstermaker, K9JF |
|---------------|--------------------------------|------------------------|

RAGS Test Bench

As a service to flea market buyers, the Radio Amateurs of the Gorge (RAGS) provides a test bench. Equipment includes a power supply, speaker, voltmeter, service monitor, frequency counter, oscilloscope and watt meters. Buyers and prospective buyers are encouraged to make use of this service to check out flea market treasures and those unbelievable bargains.

Neither RAGS nor **SEA-PAC** accepts responsibility for the condition or operability of any equipment, nor can they be held responsible for equipment damage as a result of use of test gear.

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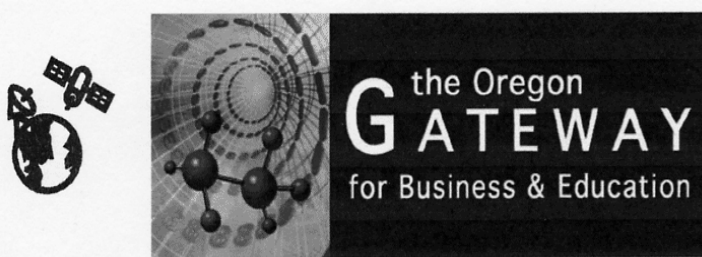
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The Oregon Gateway is part of the Gateway for Business and Education, a project developed by the Enterprise for Employment and supported through a \$2.76 million grant from the U.S. Department of Labor.

The **Gateway for Business and Education project** develops and promotes new and emerging technology training to support local manufacturing and the high-tech industry. The project's primary focus are in the areas of **automation, telecommunications (includes Cisco training), databases (Oracle, etc.), lean manufacturing and nanotechnology**. Training includes traditional, online, industry-friendly, and contracted style classes. Needs-assessments and soft-skills training are also supported under this grant.



The Oregon Gateway for Business and Education includes a Web portal (<http://oregongateway.trainingmatrix.com>) to make it easier to find and register for the training that is useful to you or your company.

Chemeketa Community Colleges Electronics and Network Technology Department (www.educationwithafuture.com) is a primary training provider for the Gateway for Business and Education project. If you or your company needs training or a needs assessment, please visit our portal, <http://oregongateway.trainingmatrix.com> or contact Charles Sekafetz at sekafetz@chemeketa.edu or 503-399-6254.



SEA-PAC COMMITTEES

EXECUTIVE COMMITTEE

Al Berg W7SIC
Will Sheffield N7THL
Wayne Schuler AI9Q

TREASURER

Julie Landers KD7GQW

EXHIBITORS

Al Berg W7SIC

EXHIBITORS HOSPITALITY

Betty Mickley, N7REX
Frances Adams KB8PRL
Scott Adams KB8PRS
Chuck Mickley Jr.
Molly Mickley
Joe Boyd N7VZS
Ann Boyd
Brad Wells KD7RTD
Dinah Wells

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Cindy Kenyon KC7UJD
Wes Allen K7WWG
Debbie Allen
Dave Stangland KD7RTE
Steve Tarr KD7MRX
John Poland KE7CDT
Geoff Apgar W7JEZ
Steve Brice NA7T
Kathy McClanahan
N7YBN
Bill Morris W7IH
Ivan Looch N7PRM
Laura Looch

MEAL ARRANGEMENTS

Al Berg W7SIC

"BORED SPOUSES"

Julie Landers, KD7GQW
Pat Aikenhead WA2ZZZ
Mary Ann Somdahl

FLEA MARKET

Lynn Hurd WB7UNU
Tom Hill WA3RMX
Jack Smithson KA7HOJ
Stan Griffiths W7NI

PRIZE COMMITTEE

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Al Berg W7SIC
Everett Curry W6ABM
Jeff Durr KA7AKU
Mike Durr KA7PWZ
Ron O'Connor KD7VIK
Jim Schaeffer KB7ADH
Gavin Silaski KC7UIL
Mel Sutton KB7PVW

REGISTRATION

Will Sheffield N7THL
Mary Berg N7TRW
Julie Landers KD7GQW

V.E. TESTING

Carl Clawson WS7L
John Anderson KA7BRZ
Gordon Girton W6NW
Anne Grimm KA7TON
Claire Johnson N7CM
Ernie Johnson K7EAJ
Jerry Miller NB7PX
Jim Monaghan N7HKO
Rich Morgan KD7GIE

SEMINARS

Hoodview A.R.C.
Ed Clulow N7TL
Armand Pilotte W7IG
Greg Phillips K7GAP
Joe Michaud N7HA
Pat Michaud W7RED
Jim Schoch KA7AGH
Cory Schoch KA7IUG

SECURITY

Clark County A.R.C.
Luther Brisky KC7KVL
Wayne Schuler AI9Q

TALK-IN STATION

Sunset Empire A.R.C.
Marque Marriott N7LWQ
Bernie Gildner KD7UDX
Don Hillgaertner WA7TEM
Dave Klinger W7DEK
Alene Linehan KA7CXP

WEB SITE

Rox Heath KD7OHE
Bob Heath KD7OHF

MAILER & PROGRAM

Luther Brisky, KC7KVL

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SEA-PAC '06
possible**

Committee Chairs are listed above in italics

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Northwestern Division ARRL Convention

Please help us make it even better! Complete the following and submit with your ~~SEA-PAC~~ '07 information form on the reverse side. Thank you.

1. How did you register?

☐ Mail ☐ At the Door

2. How many times have you been to ~~SEA-PAC~~? _____

3. Would you prefer email notification of upcoming seapac events?

☐ Yes Email Address: _____ ☐ No

4. What kind of banquet entertainment would you like to see?

5. How did you hear about SeaPac? _____

6. Comments: _____

SEAPAC '07

NORTHWESTERN DIVISION ARRL CONVENTION

Commercial Exhibits • Giant Flea Market • Banquet/Entertainment
Seminars

Exhibitors Call:
Al Berg, W7SIC
503.816.7098

SEA-PAC Convention
PO Box 25466
Portland, OR 97298-0466

Registration Info:
Will Sheffield,
N7THL
503.642.7314

◀ **www.seapac.org** ▶

☐ Registration Form ☐ By email
☐ Flea Market Information ☐ By US Mail
☐ Commercial Exhibit Rates and Contract

| Name | Call |
|------|------|
|------|------|

Address _____

City _____ State _____ Zip _____

Telephone _____

Email Address _____

**Fill out this form – Leave at the Registration Desk
to receive information on SEA-PAC '07.**